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PUBLICATIONS OF THE

## THE ADOLFO STAHL LECTURES IN ASTRONOMY

This volume contains the twelve Adolfo Stahl Lectures which were delivered in San Francisco in the seasons 1916-17 and 1917-18 under the auspices of the Astronomical Society of the Pacific by members of the staffs of the Lick Observatory, the Mount Wilson Solar Observatory, and the Students Observatory at Berkeley. They cover a wide range of topics, the endeavor being to present in non-technical language, but without sensationalism, some of the more recent results of studies of the Sun, the Moon, the Comets, the Solar System in general, the Stars and the Nebulae. One lecture, also, treats of the methods of astronomical discovery; another of recent progress in the study of motions in the solar system; still another, of the important epochs in the development of astronomy; and the volume concludes with a description of the great 100-Inch Reflector on Mount Wilson, the most powerful telescope in the world.

The volume is well illustrated. There are fifty-four full-page plates and twenty-four figures in the text. Altho the illustrations were selected primarily with reference to the text, they include some which are of historic interest and others which present some of the most recent developments of astronomy. For example, we have Keeler's beautiful drawing of Saturn made on January 7, 1888, the night on which the first successful observations were secured with the 36-inch refractor of the Lick Observatory, and the recent photographs of Jupiter, taken by Slipher at the Lowell Observatory, which are the finest ever made. Some of the stellar and nebular photographs, like the excellent one of the Pleiades by Dr. Isaac Roberts, in 1888, represent pioneer work in this field; others, like Barnard's photograph of the Milky Way in Ophiuchus and the photograph of the Great Nebula in Andromeda showing the location of the Novae recently discovered in it at Mount Wilson are typical of the best work with modern telescopes. On one page we find a photograph of the first reflecting telescope, the historic one-inch invented by Sir Isaac Newton; on other pages, views of the 72-inch reflector at Victoria and the 100-inch reflector at Mount Wilson.

It is, of course, impossible to cover the entire field of astronomical research in a series of twelve lectures; but the topics discussed are representative of modern astronomical work, and the book will introduce the reader to the point of view from which the astronomer of today regards the problems presented to him.

## ASTRONOMICAL SOCIETY OF THE PACIFIC

The volume has been printed for the Society at the Stanford University Press and is ready for distribution. The price of the book, substantially bound in cloth, is $2.75, postage paid. Orders should be sent to Mr. D. S. Richardson, 709 Postal Telegraph Building, 22 Battery Street, San Francisco, Cal.

Mr. Stahl has generously provided that the proceeds of the sale of the volume shall go to the Society to form a special fund.

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